

FES\_Fig-1\_Proj\_Local\_Regional\_AKH.mxd 03.24.2010 AKH

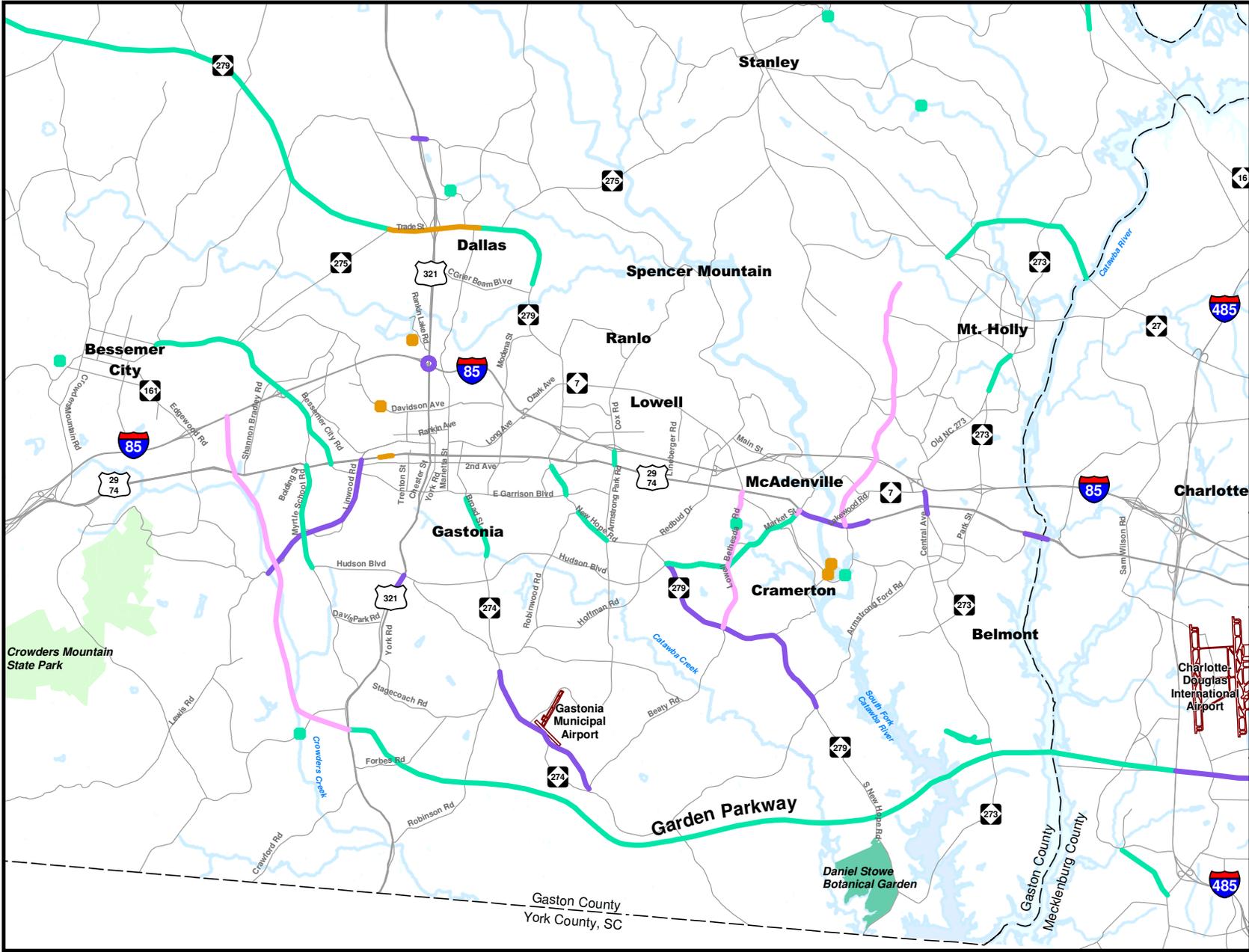
**NORTH CAROLINA**  
**Turnpike Authority**  
**GASTON EAST-WEST CONNECTOR**  
 STIP PROJECT NO. U-3321  
 Gaston and Mecklenburg Counties



Source: Gaston, York, and Mecklenburg  
 Counties GIS.  
 Map Printed March 2010.

**PROJECT LOCATION  
 IN REGION**

**Figure 1-1**



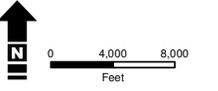
**Legend**

- Roadway Projects
- 2010 Projects
- 2015 Projects
- 2025 Projects
- 2035 Projects
- Major Roads
- County Lines
- Hydrology

NOTE: Only fiscally constrained road and bridge projects are shown.

L RTP adopted March 2010 shows the Gaston East-West Connector segment from US 321 to I-85 as a 2035 project. An amendment to the LRTP is in process to show a two-lane Gaston East-West Connector from US 321 to I-85 as a 2015 project, with the remaining two lanes of this segment constructed by 2035.

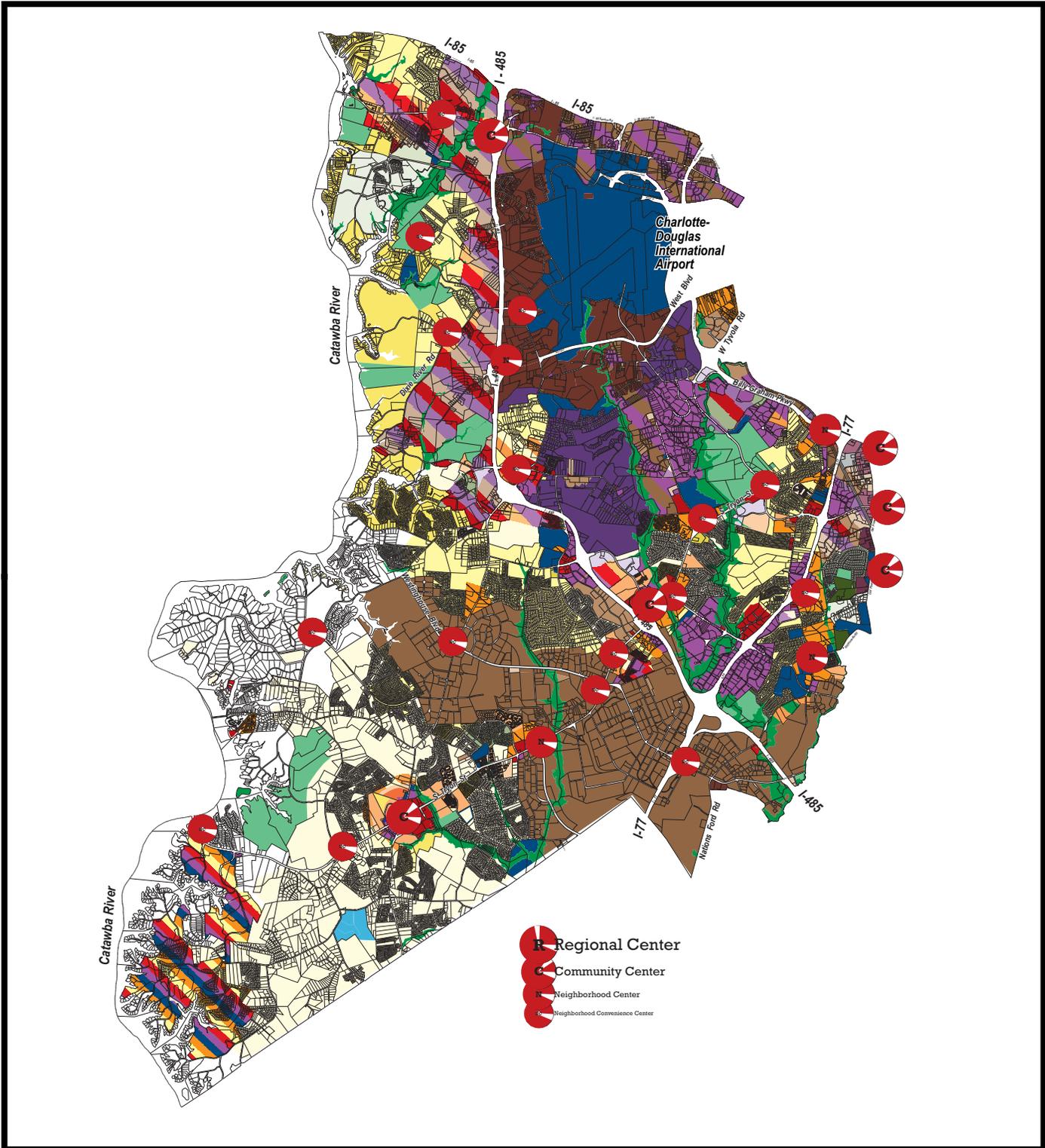
Source: GUAMPO 2035 LRTP and MUMPO 2035 LRTP for Gaston and Mecklenburg Counties. Map Printed July 2010.



STIP PROJECT NO. U-3321  
Gaston County and Mecklenburg County

**GASTON EAST-WEST CONNECTOR**  
**2035 LONG RANGE TRANSPORTATION PLANS**

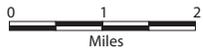
Figure 1-2



**Legend**

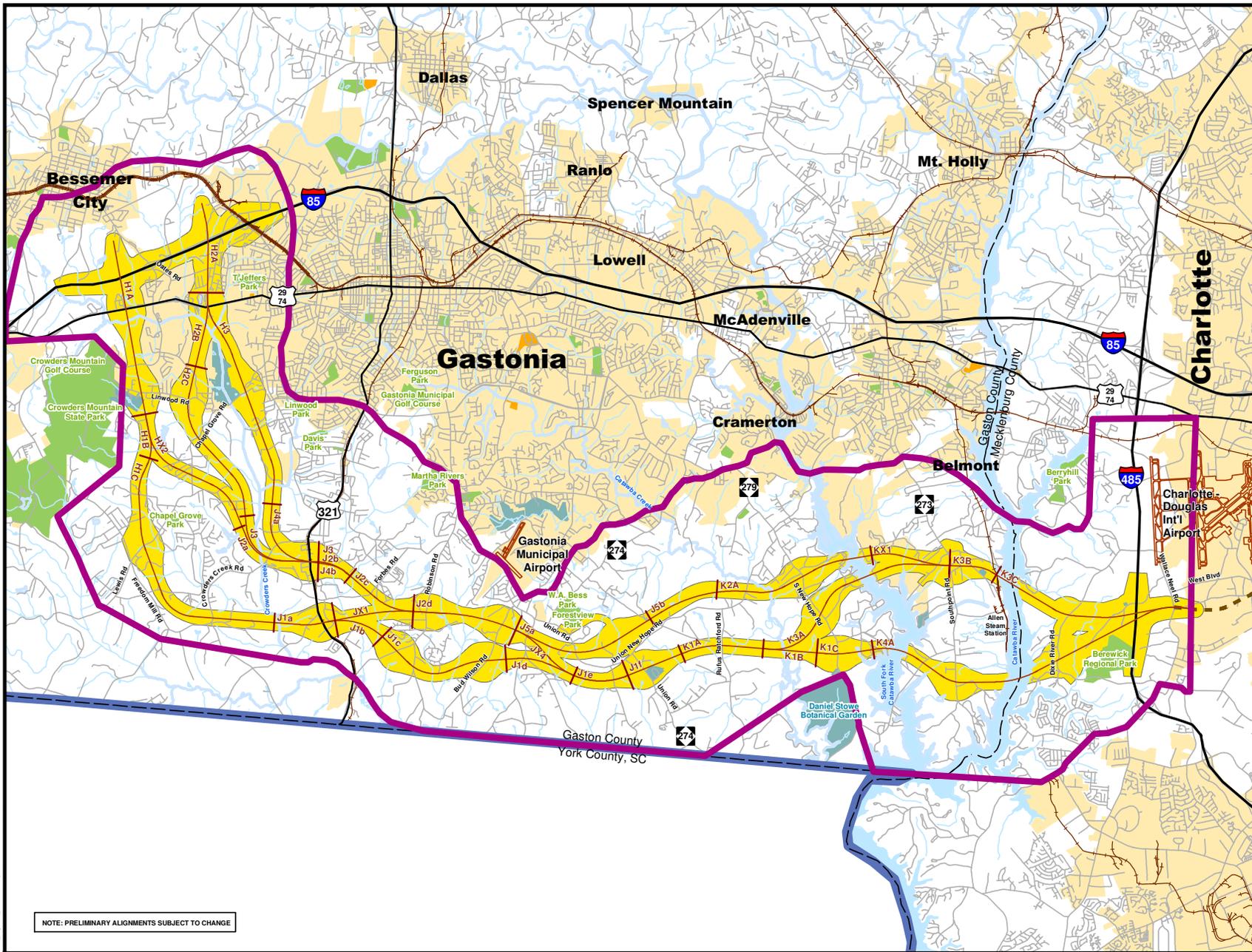
Single Family <= 1 DUA	Multi-Family <= 8 DUA	Residential > 22 DUA	Warehouse/Distribution	Transit Oriented - Mixed	Institutional/Retail
Single Family <= 3 DUA	Multi-Family <= 12 DUA	Research	Industrial	Single Family/Multi-Family	Office/Retail
Single Family <= 4 DUA	Multi-Family <= 17 DUA	Institutional	Industrial - Light	SF/MF/Office/Retail	Office/Industrial
Single Family <= 5 DUA	Multi-Family <= 25 DUA	Office	Industrial - Heavy	SF/MF/Institutional/Office/Retail	Office/Warehouse
Single Family <= 6 DUA	Residential <= 4 DUA	Office/Business Park	Utility	Multi-Family/Greenway	Office/Retail/Lt Industrial
Single Family <= 8 DUA	Residential <= 5 DUA	Office/Business Park/Lt Industrial	Park/Open Space	Multi-Family/Office	Office/Industrial-Warehouse-Distribution
Multi-Family	Residential <= 8 DUA	Office/Business Park/Industrial	Greenway	Multi-Family/Retail	Office/Retail/Industrial-Warehouse-Distribution
	Residential <= 22 DUA	Retail	Transit Oriented - Employment	Multi-Family/Office/Retail	Residential/Office/Retail

**NORTH CAROLINA**  
**Turnpike Authority**  
**GASTON EAST-WEST CONNECTOR**  
 STIP PROJECT NO. U-3321  
 Gaston and Mecklenburg Counties



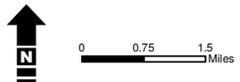
Source: Charlotte-Mecklenburg Planning Department. December 29, 2009.

**MECKLENBURG COUNTY**  
**SOUTHWEST DISTRICT**  
**FUTURE LAND USE MAP**  
**Figure 1-3**



- Legend**
- Refined Study Area Boundary for New Location Alternatives
  - Design Centerline
  - Segment Breaks
  - Detailed Study Alternatives
  - West Blvd Realignment (Construction by Others)
  - Parks
  - Private Recreation Facilities and Attractions
  - State Complexes
  - County Lines
  - State Line
  - Interstates
  - US Routes
  - Streets
  - Railroad
  - Hydrography
  - City Limits

Source: Gaston County and Mecklenburg County GIS Map printed July 2010.



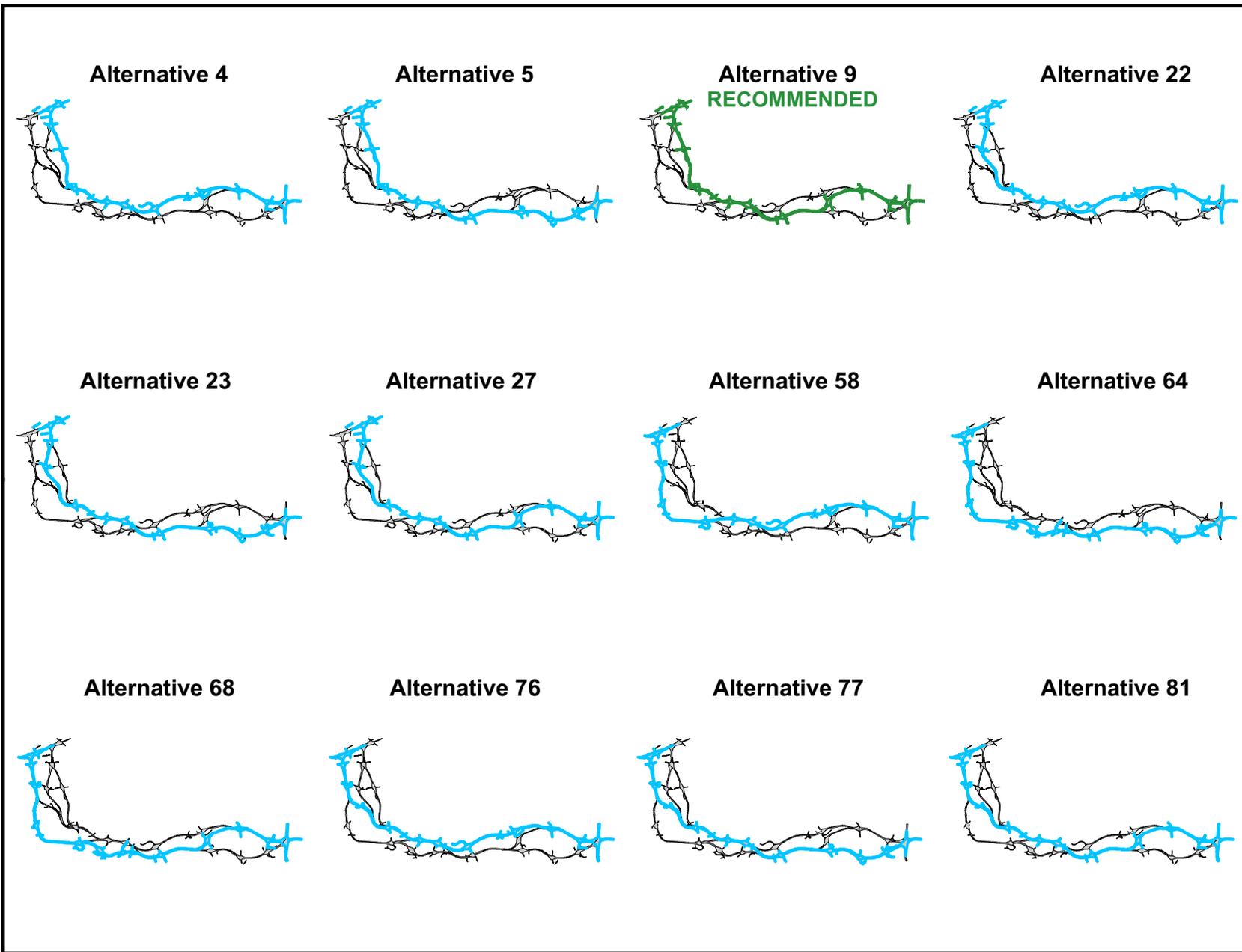
STIP PROJECT  
NO. U-3321  
Gaston County and  
Mecklenburg County

**GASTON EAST-WEST  
CONNECTOR**

**DETAILED STUDY  
ALTERNATIVES**

Figure 1-4a

NOTE: PRELIMINARY ALIGNMENTS SUBJECT TO CHANGE



- Legend**
- Design Right-of-Way
  - Corridor Segments Comprising Each Detailed Study Alternative
  - Recommended Alternative



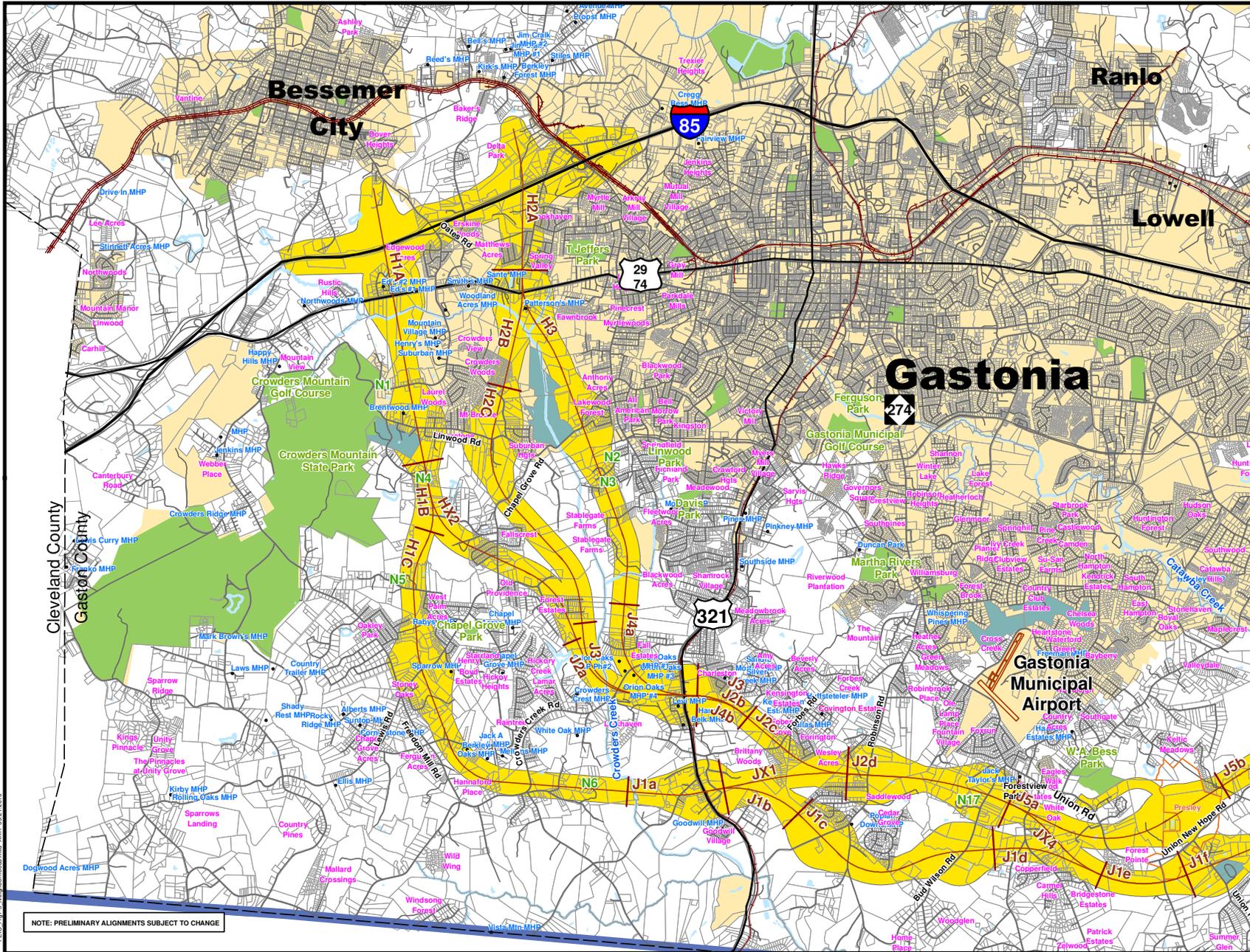
STIP PROJECT  
NO. U-3321

Gaston County and  
Mecklenburg County

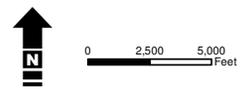
**GASTON EAST-WEST  
CONNECTOR**

**DETAILED STUDY  
ALTERNATIVES**

**Figure 1-4b**



- Legend**
- N1** Un-Named Neighborhoods and Rural Communities
  - Webber Place MHP** Named Neighborhoods
  - Pine MHP** Mobile Home Parks
  - Approved Future Development
  - Segment Breaks
  - Design Centerline
  - Detailed Study Alternatives
  - West Blvd Realignment (Construction by Others)
  - Parcels
  - Parks
  - Private Recreation Facilities and Attractions
  - County Lines
  - State Line
  - Interstates
  - US Routes
  - Streets
  - Railroad
  - Hydrology
  - City Limits
- Source: Gaston County and Mecklenburg County GIS Map printed July 2010.



STIP PROJECT  
NO. U-3321  
Gaston County and  
Mecklenburg County

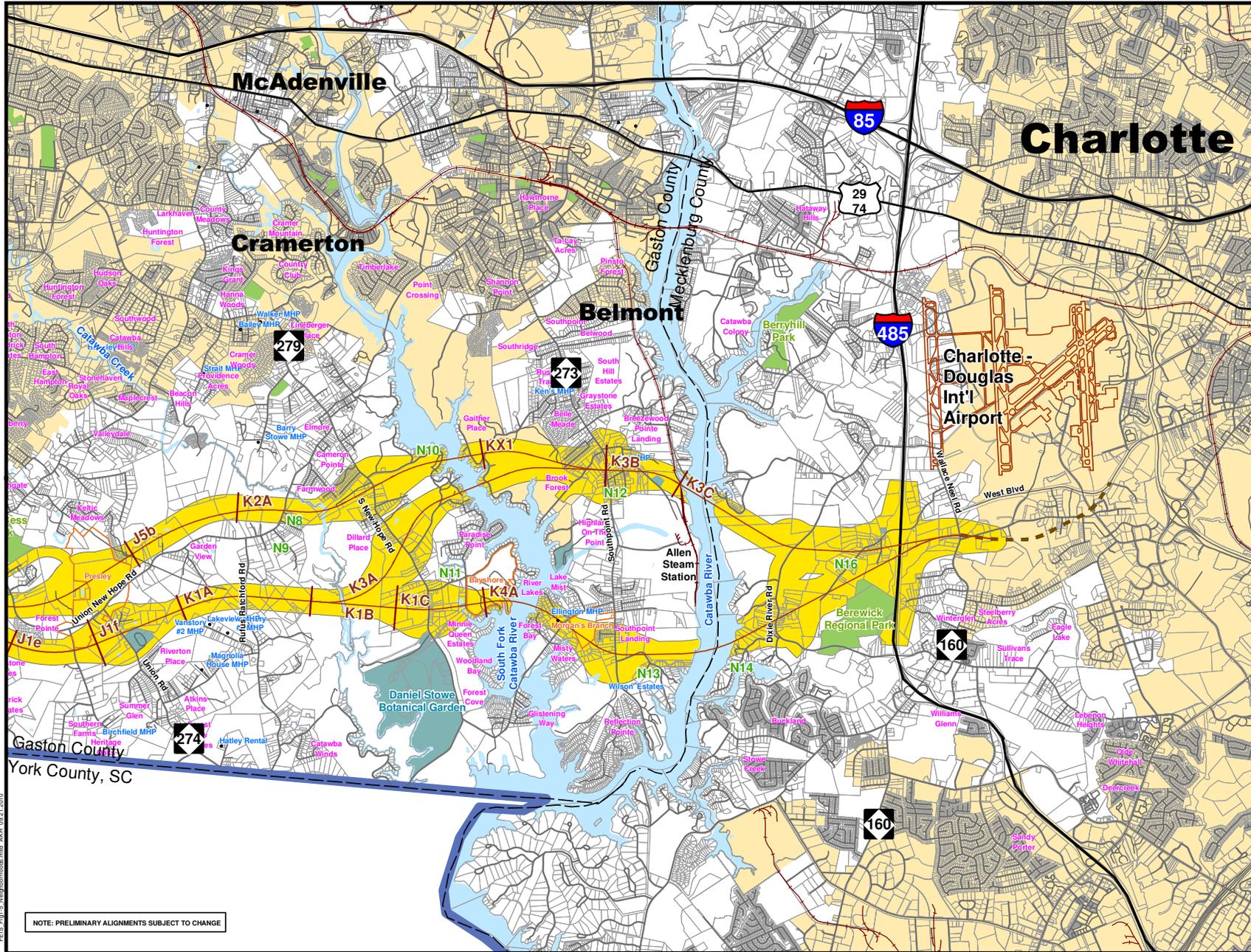
**GASTON EAST-WEST CONNECTOR**

**NEIGHBORHOODS AND COMMUNITIES**

Figure 1-5a

FEIS, Fig. 5, Neighborhoods.mxd, A01, 09/21/2010

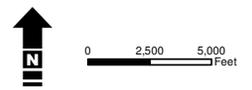
NOTE: PRELIMINARY ALIGNMENTS SUBJECT TO CHANGE



**Legend**

- N1 Un-Named Neighborhoods and Rural Communities
- Webber Place Named Neighborhoods
- Plus MHP Mobile Home Parks
- Approved Future Development
- Segment Breaks
- Design Centerline
- Detailed Study Alternatives
- West Blvd Realignment (Construction by Others)
- Parcels
- Parks
- Private Recreation Facilities and Attractions
- County Lines
- State Line
- Interstates
- US Routes
- Streets
- Railroad
- Hydrology
- City Limits

Source: Gaston County and Mecklenburg County GIS Map printed July 2010.



**NORTH CAROLINA Turnpike Authority**

STIP PROJECT NO. U-3321

Gaston County and Mecklenburg County

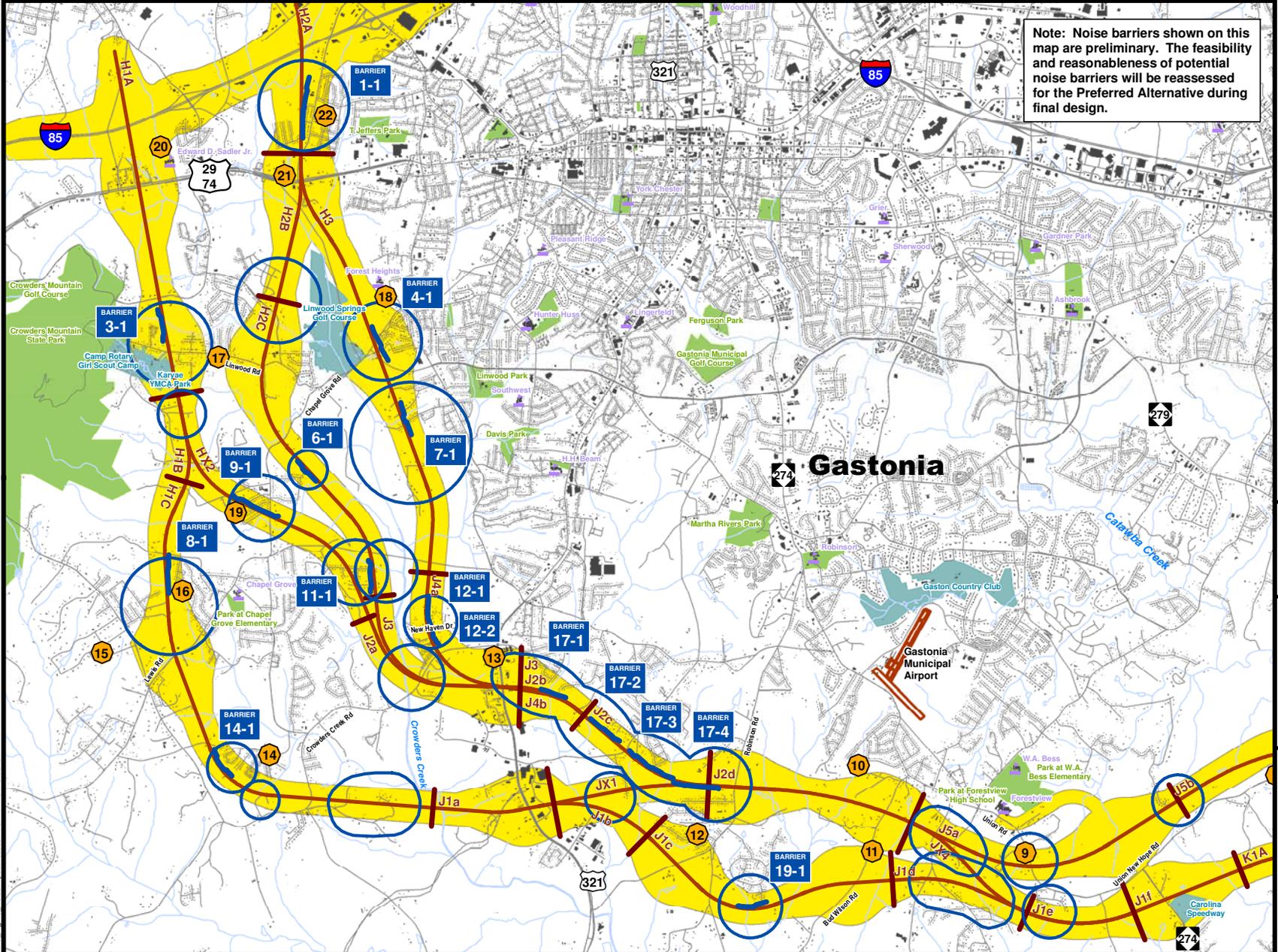
**GASTON EAST-WEST CONNECTOR**

**NEIGHBORHOODS AND COMMUNITIES**

Figure 1-5b

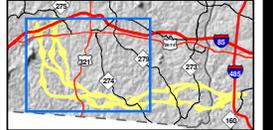
NOTE: PRELIMINARY ALIGNMENTS SUBJECT TO CHANGE

FEIS Fig. 5- Neighborhoods.mxd AKH 09/21/2010

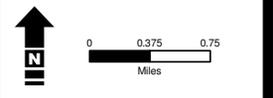


Note: Noise barriers shown on this map are preliminary. The feasibility and reasonableness of potential noise barriers will be reassessed for the Preferred Alternative during final design.

- Legend**
- Noise Measurement Sites
  - Preliminary Noise Barriers
  - Neighborhood Study Area
  - Segment Breaks
  - Design Centerline
  - West Blvd Realignment (Construction by Airport)
  - Schools
  - County Line
  - State Line
  - Buildings
  - Streets
  - Hydrology
  - Parks
  - Private Recreation Facilities and Attractions
  - Detailed Study Alternatives
- K3A Segment Name**



Source: Gaston County and Mecklenburg County Map printed July 2010.



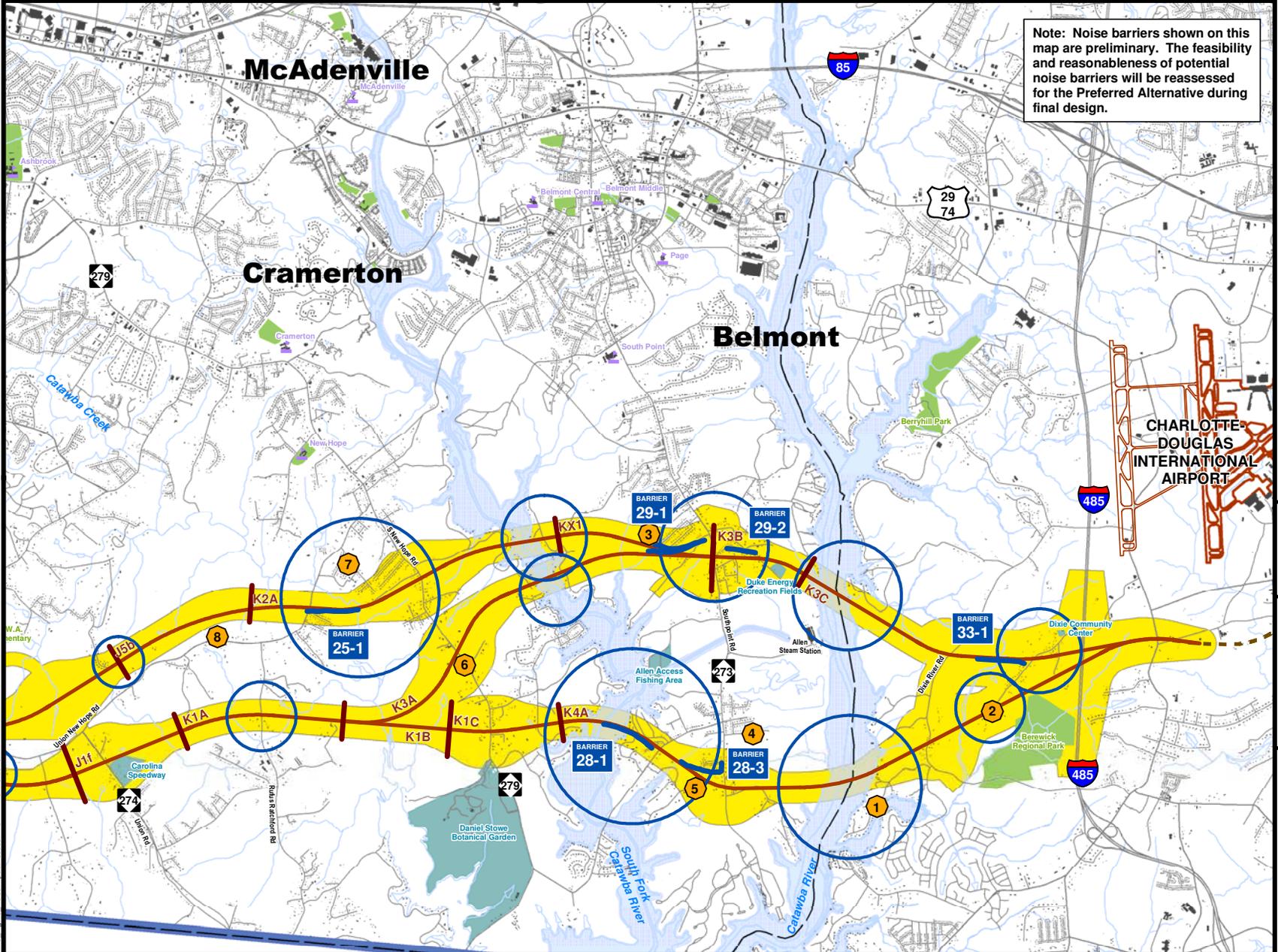
STIP PROJECT NO. U-3321  
 Gaston County and Mecklenburg County

**GASTON EAST-WEST CONNECTOR**

**DRAFT EIS NOISE IMPACT ASSESSMENT INFORMATION**

Figure 1-6a

FEIS-Fig 1-6 NoiseImpactAssess.mxd AKH 07-19-2010

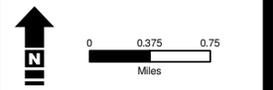


Note: Noise barriers shown on this map are preliminary. The feasibility and reasonableness of potential noise barriers will be reassessed for the Preferred Alternative during final design.

- Legend**
- Noise Measurement Sites
  - Preliminary Noise Barriers
  - Neighborhood Study Area
  - Segment Breaks
  - Design Centerline
  - West Blvd Realignment (Construction by Airport)
  - Schools
  - County Line
  - State Line
  - Buildings
  - Streets
  - Hydrology
  - Parks
  - Private Recreation Facilities and Attractions
  - Detailed Study Alternatives
- K3A Segment Name**



Source: Gaston County and Mecklenburg County Map printed July 2010.



STIP PROJECT NO. U-3321  
Gaston County and Mecklenburg County

**GASTON EAST-WEST CONNECTOR**

**DRAFT EIS NOISE IMPACT ASSESSMENT INFORMATION**

Figure 1-6b

FEIS-Fig 1-6 NoiseImpactAssess.mxd AKH 07-19-2010